

## **TITLE of the INVENTION**

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"Method and device for seeking images based on the content taking into account  
the content of the regions of interest"

## **TEXT of the ABSTRACT**

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A method of seeking images, from an example image, from amongst a plurality of images stored in a database, each of the stored images being associated with an index, representing at least one characteristic of the visual content of the image, includes the following steps: a step of receiving a data item of a second type representing the location of at least one region of interest in the example image; a step of receiving, for each region of interest, a data item of a third type indicating a type of taking into account of the content of the region of interest for the seeking of images; a step of calculating an index of the example image, representing at least one characteristic of the visual content of the example image, the method of calculating this index depending on the data item of the second type and the data items of the third type; a step of calculating a similarity between the example image and each of the images from amongst at least one subset of the stored images, this similarity being calculated from the index associated with the stored image and the index associated with the example image; and a step of supplying at least one image, referred to as the result image, of the database, this result image being selected from amongst the images in the database according to its degree of similarity with the example image.

(Figure 2)